



JC10 Rec'd PCT/PTO 18 JUL 2005

PCT

Honeywell's Docket No. H0004599 US -4015  
Practitioner's Docket No. 7240102001-3224000

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Strothers et al.**

Group No.: **Not Yet Assigned**

Application No.: **10/531,763**

Examiner: **Not Yet Assigned**

Filed: **April 18, 2005**

**Target Designs and Related Methods for Enhanced Cooling and Reduced Deflection and Deformation**

**Mail Stop DD  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450**

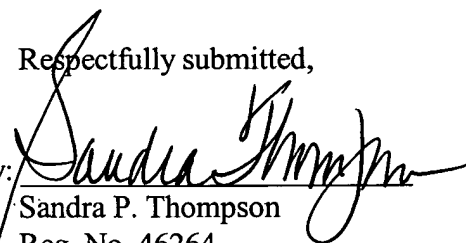
**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))**

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

Respectfully submitted,

Date: July 12, 2005


By:   
Sandra P. Thompson  
Reg. No. 46264

Attorneys for Applicant  
Bingham McCutchen  
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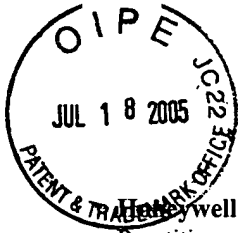
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**CERTIFICATE OF MAILING (37 C.F.R. 1.8(a))**

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

  
Kristin J. Azcona

Date: July 12, 2005



Henry's Docket No. H0004599 US -4015  
Practitioner's Docket No. 7240102001-3224000

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Strothers et al.**

Serial No: **10/531,763**

Filed: **April 18, 2005**

For: **TARGET DESIGNS AND  
RELATED METHODS FOR  
ENHANCED COOLING AND  
REDUCED DEFLECTION AND  
DEFORMATION**

Group: **Not Yet Assigned**

Examiner: **Not Yet Assigned**

## INFORMATION DISCLOSURE STATEMENT

**MAIL STOP DD  
COMMISSIONER OF PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450**

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the United States Patent and Trademark Office of all references coming to the attention of the Applicant(s) or attorneys or agents for Applicant(s) which are or may be material to the examination of the subject application, attorneys for the Applicant(s) hereby invite the Examiner's attention to the references listed in the accompanying PTO Form 1449 entitled "List of References Cited".

This submission is understood to complement the results of the Examiner's own independent search. The submission of this Disclosure Statement should not be construed as a representation that a search was made, or that the cited items are inclusive of all relevant and material citations that may be available publicly.

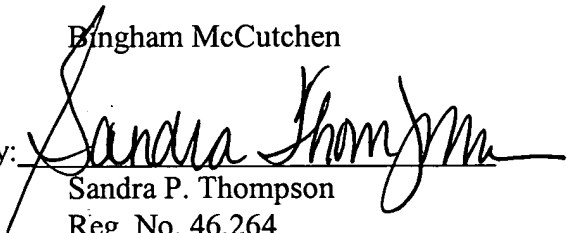
Applicant(s) respectfully request that the Examiner review the foregoing references, as set forth in the Form PTO-1449, and that they be made of record in the file history of the above-captioned application.

Respectfully submitted,

Bingham McCutchen

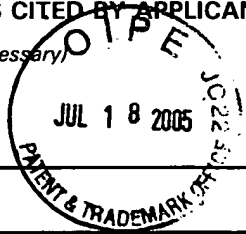
Dated: July 12, 2005

By:

  
Sandra P. Thompson  
Reg. No. 46,264

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<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO.	SERIAL NO.
	7240102001-3224000	10/531,763
	APPLICANT	
	Strothers et al.	
	FILING DATE	GROUP
	April 18, 2005	Not Yet Assigned



#### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,820,397	04/11/89	Quick Change Sputter Target Assembly	204	298	04/04/98
		5,171,415	12/15/92	Cooling Method and Apparatus for Magnetron Sputtering	204	298.09	12/21/90
		6,511,587	01/28/03	Sputtering Targets and Method for the Preparation Thereof	204	298.13	12/05/01
		6,761,984	07/13/04	Article Coated with Photocatalyst Film, Method for Preparing the Article and Sputtering Target for Use in Coating with the Film	428	697	12/21/00

#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	A							
	B							

#### OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	C	PCT International Search Report dated March 31, 2005
	D	
	PP	

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please acknowledge receipt of the following by affixing hereon the Official date stamp and returning this card to our office.

<b>Title:</b>	<b>Information Disclosure Statement:</b>
<b>Inventor:</b>	Target Designs and Related Methods for Enhanced Cooling and Reduced Deflection and Deformation
<b>Filing Date:</b>	Susan Strothers, et al.
<b>Serial Number:</b>	April 18, 2005
<b>Matter Type:</b>	10/531763
<b>Date of Deposit:</b>	Patent - US
<b>Matter #:</b>	July 12, 2005
<b>Enclosures:</b>	7240102001-3224000
	(1) Transmittal (1 page); (2) Information Disclosure Statement (2 pages); (3) Form 1449 w/Copy of Search Report (4 pages); and (4) postcard.

DATE MAILED: 7/12/05 SBU: 1015  
PATENT APPLICATION FOR: Target Designs and Related Methods for enhanced cooling...  
INVENTOR(S): Strothers et al.  
SERIAL NO.: 10/531763

**THE FOLLOWING HAS BEEN RECEIVED IN THE U.S. PATENT AND TRADEMARK OFFICE ON THE DATE STAMPED HEREON:**

- ☐ Missing Parts of Application Transmittal \$ \_\_\_\_\_
- ☐ Combined Declaration/Power of Attorney \$ \_\_\_\_\_
- ☐ Power of Attorney
- ☐ Assignment and Cover Sheet: \$ \_\_\_\_\_
- ☒ Information Disclosure Statement ☒ ISR ☒ From PTO 1449 with 4 References \$ \_\_\_\_\_
- ☐ Request for Corrected Filing Receipt
- ☐ Amendment/Response ( \_\_\_\_\_ page(s)) \$ \_\_\_\_\_
- ☐ Petition for Extension of Time ( \_\_\_\_\_ months) \$ \_\_\_\_\_
- ☐ Amendment After Final Rejection ( \_\_\_\_\_ page(s)) \$ \_\_\_\_\_
- ☐ Notice of Appeal
- ☐ Appeal Brief ( \_\_\_\_\_ page(s)) \$ \_\_\_\_\_
- ☐ Issue Fee Transmittal \$ \_\_\_\_\_
- ☐ Formal Drawing(s); No. of Sheets \_\_\_\_\_
- ☐ Total fees charged to Deposit Account No. 01-1125: \$ \_\_\_\_\_

OTHER \_\_\_\_\_

Attorney Docket No.: 40004599 US

Attorney: S. Votava  
Outside Counsel: Bingham